

Transmittal Letter To The United States Designated/Elected Office (DO/EO/US) Concerning A Filing Under 35 U.S.C. 371		Attorney Docket: 27528U U.S. Application No. 10/587836 Not Yet Assigned
International Application No.: PCT/EP2005/050415	International Filing Date: FEBRUARY 1, 2005	Priority Date Claimed: FEBRUARY 4, 2004
Title of Invention: 2-(PIPERIDIN-4-YL)-4,5-DIHYDRO-2H-PYRIDAZIN-3-ONE DERIVATIVES AS PDE4 INHIBITORS		
Applicants for DO/EO/US: MENGE, Wiro M.P.B.; STERK, Geert Jan		
Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)): <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) 6. <input type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2)). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
ITEMS 11 to 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:		
<ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A change of power of attorney and/or address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825 18. <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4) 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4) 		

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20. <input checked="" type="checkbox"/> Other items or information: TRANSMITTAL LETTER; APPLICATION DATA SHEET; INTERNATIONAL PUBLICATION NUMBER: WO 2005/075456 A1, WITH THE PCT/ISA/210 (INTERNATIONAL SEARCH REPORT); INTERNATIONAL PUBLICATION DATE: AUGUST 18, 2005, WHICH CONSISTS OF 48 PAGES: 1 PAGE FOR THE COVER SHEET, WITH ABSTRACT, 34 PAGES OF TEXTUAL SPECIFICATION, 13 PAGES OF 18 CLAIMS, AND 0 SHEETS OF DRAWINGS; PRELIMINARY AMENDMENT WITH APPENDICES A, B, AND C, TO BE EXAMINED ; UNEXECUTED DECLARATION AND POWER OF ATTORNEY; PCT/ISA/237 (WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY); INTERNATIONAL PUBLICATION NUMBER: WO 2005/075456 A1, WHICH CONSISTS OF THE CORRECTED VERSION OF THE COVER SHEET; PCT/IB/304 (NOTIFICATION CONCERNING SUBMISSION OR TRANSMITTAL OF PRIORITY DOCUMENT); PCT/IB/308 (FIRST NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION); PCT/IB/308 (SECOND AND SUPPLEMENTARY NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION); PCT/RO/101 (REQUEST); POSTCARD FOR EARLY NOTIFICATION OF THE SERIAL NUMBER REQUEST.			
The following fees are submitted:		CALCULATION \$ 300.00	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic National Fee (37 CFR 1.492(a))..... \$ 300.00			
22. <input checked="" type="checkbox"/> Examination Fee (37 CFR 1.492 (c)) If the written opinion prepared by ISA/US or the International Preliminary Examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$ 0.00 All other situations \$ 200.00		\$ 200.00	
23. <input checked="" type="checkbox"/> Search Fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International Preliminary Examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$ 0.00 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$ 100.00 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$ 400.00 All other situations \$ 500.00		\$ 400.00	
Total of 21, 22 and 23		\$ 900.00	
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding Sequence listing or computer program listing filed in an electronic medium). The fee is \$ 250.00 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	# of each additional 50	RATE
77-100 =	/50 =		X \$250
Surcharge of \$130.00 for furnishing the oath or declaration later than <u>20</u> <u>30</u> months from the earliest claimed priority date (37 CFR 1.492(e)).			
CLAIMS	# FILED	# EXTRA	RATE
TOTAL	16-20=	0	X \$50
INDEPENDENT	1-3=	0	X \$200
Multiple dependent claims (if applicable)			+ \$360
TOTAL OF ABOVE CALCULATIONS =		\$ 900.00	
<input type="checkbox"/> Applicant claims small entity status. Fees above are reduced by 1/2.			
SUBTOTAL =		\$ 900.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			
TOTAL NATIONAL FEE =		\$ 900.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			
TOTAL FEES ENCLOSED =		\$ 900.00	
		Amount to be: refunded	\$
		Amount to be: charged	\$

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International Application:
PCT/EP2005/050415

Attorney Docket: 27528U

- a. ☒ A check in the amount of \$ 900.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account Number: 14-0112 in the amount of \$ _____ to cover the above fees. (A duplicate copy of this sheet is enclosed.)
- c. ☒ The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to Deposit Account Number: 14-0112.
- d. ☐ Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit Card Information should not be included on this form. Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

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Gary M. Nath
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MAIL STOP - PCT
Attorney Docket No.: 27528U
Date: July 28, 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10/587836

In re Application of:

MENGE, et al.

Application No.: Not Yet Assigned

Filed: July 28, 2006

Intl. Application No.: PCT/EP2005/050415

Intl. Filing Date: February 1, 2005

Title: 2-(PIPERIDIN-4-YL)-4,5-DIHYDRO-2H-PYRIDAZIN-3-ONE DERIVATIVES AS
PDE4 INHIBITORSTRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:


Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

- 1) Application Data Sheet;
- 2) Transmittal Letter to U.S. Designated/Elected Office (DO/EO/US) Concerning Filing Under 35 U.S.C. 371;
- 3) International Publication Number: WO 2005/075456 A1, with the PCT/ISA/210 (International Search Report); International Publication Date: August 18, 2005, which consists of 48 pages:
 - 1 page for the Cover Sheet, with Abstract,
 - 34 pages of Textual Specification,
 - 13 pages of 18 Claims, and
 - 0 sheets of Drawings;
- 4) Preliminary Amendment with Appendices A, B, and C, to be Examined;
- 5) Unexecuted Declaration and Power of Attorney;
- 6) PCT/ISA/237 (Written Opinion of the International Searching Authority);
- 7) International Publication Number: WO 2005/075456 A1, which consists of the Corrected Version of the Cover Sheet;
- 8) PCT/IB/304 (Notification Concerning Submission or Transmittal of Priority Document);
- 9) PCT/IB/308 (First Notice Informing the Applicant of the Communication of the International Application);
- 10) PCT/IB/308 (Second and Supplementary Notice Informing the Applicant of the Communication of the International Application);
- 11) PCT/RO/101 (Request);
- 12) Check No.: 2535 in the Amount of \$ 900.00 for Basic Filing Fee, which includes the Search and Examination Fees, as a **Large Entity**;
- 13) Postcard for Early Notification of the Serial Number Request.

The Commissioner is hereby authorized to charge any deficiency or credit any excess to Deposit Account No. 14-0112.

Respectfully submitted,
NATH & ASSOCIATES PLLC

By:


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